

ABSTRACT OF THE DISCLOSURE

A memory controller includes a terminal to receive, from a processor, a request for access to a dynamic random access memory having a data storage area divided into a plurality of banks each divided into a plurality of pages. A memory control unit is also provided to activate a page to be accessed, based on said access request from said processor, and to execute, before a next request for access to a page to be accessed subsequently by said processor, precharge of said page to be accessed subsequently.